

Rabbit FGD4 Polyclonal Antibody | anti-FGD4 antibody

FGD4 antibody

CATALOG # AAA107825	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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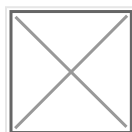
PRODUCT SYNONYMS

FGD4; Polyclonal Antibody; FGD4 antibody; Polyclonal FGD4; Anti-FGD4; FGD1 family member 4; CMT4H; FLJ34370; MGC57222; DKFZp434K1572; FYVE RhoGEF and PH domain-containing protein 4; FGD1-related F-actin-binding protein; FGD 4; FRABP; actin-filament binding protein frabin; FLJ42663; FGD-4; DKFZp313E1818; ZFYVE6; anti-FGD4 antibody

PRODUCT SPECIFICATIONS

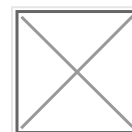
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	FGD4 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for anti-FGD4 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	This gene encodes a protein that is involved in the regulation of the actin cytoskeleton and cell shape. This protein contains an actin filament-binding domain, which together with its Dbl homology domain and one of its pleckstrin homology domains, can form microspikes. This protein can activate MAPK8 independently of the actin filament-binding domain, and it is also involved in the activation of CDC42 via the exchange of bound GDP for free GTP. The activation of CDC42 also enables this protein to play a role in mediating the cellular invasion of <i>Cryptosporidium parvum</i> , an intracellular parasite that infects the gastrointestinal tract. Mutations in this gene can cause Charcot-Marie-Tooth disease type 4H, a disorder of the peripheral nervous system.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded SG xenograft using FGD4 antibody at a dilution of 1:100



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Molt-4) using a 7.5 % SDS PAGE gel and FGD4 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using FGD4 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-FGD4 antibody	Affinity purified Rabbit polyclonal FGD4 antibody
Product Categories/Family for anti-FGD4 antibody	Cell Biology; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	87 kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fgd4-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/107825>